

Applicant: John David Breiten  
Application No.: 10/815,179  
Response to Advisory Action dated July 30, 2007  
Response filed August 7, 2007

### Remarks

Claims 1–5, and 19–22 remain pending in the application. In the Advisory Action dated July 30, 2007, the amended claims were entered, and rejected. The claims 1–4 and 19–22 were rejected as anticipated by *Fitzpatrick* (2,710,445), and claim 5 as obvious over *Fitzpatrick*, in view of Toivanen (WO 99/60207). Claim 19 has been amended to correct a typo.

Applicant respectfully requests reconsideration in view of the interview conducted by telephone with Examine Halpern on August 7, 2007. The examiner's courtesy and helpfulness during the interview is acknowledged with appreciation. During the interview claim 1– the only independent claim – was discussed, together with *Fitzpatrick* which discloses a razor blade formed as a continuous loop and having indicia thereon.

Applicant made three arguments.

The **first argument** is that the claimed database includes the limitation that the database contains “instructions for cutting”. It was agreed that a database was a proper structural claim limitation and it was agreed *Fitzpatrick* does not show “instructions for cutting”. Applicant argued that the limitation “instructions for cutting” is also a structural limitation setting forth the kind of data contained in the database. By definition a database is: *A collection of data arranged for ease and speed of search and retrieval.* (www.answers.com/database&r=67).

Thus a database can only be further limited by specifying the arrangement of the data, or *the type of data* (as applicant has done). A search of the US PTO patent database indicates that when a database is claimed it is often further limited by a description of the type of data contained therein. Although only one example of applicant's exact words was found in an apparatus claim, namely 6,784,918:

8. A system for controlling a consumer electronic device comprising: a camera for obtaining an image of the consumer electronic device, wherein the image comprises visual indications of an operating state of the consumer electronic device; a computer coupled to the camera for receiving the

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image and determining an operating state of the consumer electronic device based upon the image; **a database containing instructions** for changing the operating state of the consumer electronic device; and a transmitting device for transmitting the instructions to the consumer electronic device using infrared signals.(emphasis supplied)

Applicant's claiming approach appears widely used, as the following examples from the most recent of the over 30,000 patents in which the claim includes a database. The claim language in the following examples from recent patents show claiming an apparatus or system having:

7,254,810	Claim 1 "a database having metadata"
7,254,803	Claim 43 "a design database for manufacturing the semiconductor part"
7,254,785	Claim 16 "a database comprising a stored image of a wire mesh product"
7,254,711	Claim 2 "database for retrieving a first decryption key"

It is **not** reasonable to suppose any claim limitation cannot be further limited. A database is a proper claim limitation, so it must be proper to limit a database to specify the kind of data it contains.

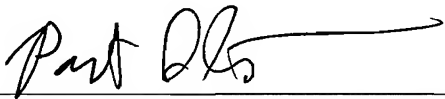
Applicant's **second argument** is that the arrangement of indicia and the database together delimit doctor blades as overlapping portions of the doctor blade body. It was not disputed during the interview that *Fitzpatrick* shows sequential not overlapping blades. The way in which two structural elements, the *arrangement of indicia*, and the *database* cooperate to effect a result is a structural limitation, just as when a wheel is pivotally mounted to a frame to rotate, the pivotal mounting to rotate is a structural limitation so applicant's claimed "delimit said plurality of doctor blades of different lengths as overlapping portions of the doctor blade body" is a structural limitation.

Applicant's **third argument** is that a doctor blade is not a razor blade, and the person of ordinary skill in the art of papermaking would not look to the art of razor blades in the absence of a common problem. The examiner has not set forth a common problem which would make the razor blade art relevant.

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Applicant submits that no new matter has been added by this amendment, and that the claims remaining in the application are in condition for allowance. Favorable action thereon is respectfully solicited.

Respectfully submitted,



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